

ABSTRACT

An antenna remote control apparatus for a base station in a mobile communication system is disclosed. The antenna remote control apparatus
5 includes a remote controller for matching a driving voltage for a motor used to control the beam direction of an antenna, a reference signal for measuring the rotation state of the motor, and an RF signal for mobile communication and transmitting the matched signal via a feeder cable, and an antenna controller for receiving the matched signal from the remote controller via the feeder cable,
10 dividing the matched signal into the reference signal, the motor driving voltage, and the RF signal, driving the motor using the motor driving voltage, and outputting a variation in the reference signal depending on the rotation state of the motor to the remote controller via the feeder cable. Therefore, there is no need for an additional cable for controlling the motor. Particularly, since a
15 matcher for matching signals, a signal divider for dividing the matched signal, and a signal detector for detecting the rotation state of the motor are all configured as passive devices, cost is reduced.